



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
PATENT APPLICATION  
SEP 25 2001  
TECHNOLOGY CENTER 2800

In re application of:

Mark S. Zediker et al.

Serial No.: 09/498,254

Filed: February 3, 2000

For: HIGH EFFICIENCY, HIGH POWER DIRECT  
DIODE LASER SYSTEMS AND METHODS  
THEREFOR

Atty. Dkt. No.: D3953-RE

Group Art Unit: 2881

Examiner: Q. P. LEUNG

#6/Amend  
A  
9/27/01  
/s

**AMENDMENT UNDER 37 C.F.R. §§1.115 AND 1.121**

Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated March 21, 2001, and further to the Petition for an Extension of Time of Three (3) Months, please amend the application as follows:

**IN THE CLAIMS:**

Please AMEND claims 25, 26, 31, 32, 33, 36, 40, and 41 as follows:

1 25. (Amended) A diode laser system, comprising:

2 a laser head assembly generating an output beam, the laser head assembly including:

3 M modules which generate M laser beams, wherein each of said M laser beams has  
4 a different unconstrained wavelength; and

5 M-2 dichroic filters, wherein each of said M-2 dichroic filters transmits a  
6 corresponding one of said M laser beams and reflects all other of said M laser beams  
7 into a predetermined optical path to produce said output beam.